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NOTICE OF ALLOWANCE AND FEE(S) DUE

34431

7590

08/30/2005

HANLEY, FLIGHT & ZIMMERMAN, LLC 20 N. WACKER DRIVE SUITE 4220 CHICAGO, IL 60606 EXAMINER

LEE, GRANVILL D

ART UNIT PAPER NUMBER

2891

DATE MAILED: 08/30/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/749,650	12/30/2003	Tae-Hee Park	20067/OPP031479US	9404	

TITLE OF INVENTION: METHODS OF FORMING METAL LINES IN SEMICONDUCTOR DEVICES

i	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
	nonprovisional	NO	\$1400	\$300	\$1700	11/30/2005	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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INSTRUCTIONS: This for appropriate. All further con indicated unless corrected maintenance fee notification	below or directed otherwise	smitting the ISSU Patent, advance or in Block 1, by (a	TE FEE and PUB ders and notificat) specifying a new	LICATION FEE (if recion of maintenance fees w correspondence address	quired). Blocks 1 through 5 s will be mailed to the current ss; and/or (b) indicating a sep-	should be completed where correspondence address as arate "FEE ADDRESS" for
34431 75		,		Fee(s) Transmittal. 1 papers. Each additio have its own certification	of mailing can only be used for this certificate cannot be used nal paper, such as an assignmate of mailing or transmission. Sertificate of Mailing or Transmits is being this serior to the serior of the serior o	for any other accompanying ent or formal drawing, must smission
CHCAGO, IL 000	000					(Depositor's name)
					- French .	(Signature)
						(Date)
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EXAM	IINER	ART UN	IT .	CLASS-SUBCLASS	7	
LEE, GRA	ANVILL D	2891		438-669000	_	
CFR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless	o RESIDENCE DATA TO Be an assignee is identified be a 37 CFR 3.11. Completion of	Correspondence ation form of a Customer E PRINTED ON Telow, no assignee of this form is NOT	(1) the names or agents OR, a (2) the name or registered attor 2 registered paralisted, no name THE PATENT (prodata will appear of a substitute for f	f a single firm (having as ney or agent) and the na tent attorneys or agents. will be printed.	ent attorneys 1 2 mes of up to If no name is 3 gnee is identified below, the of	locument has been filed for
Please check the appropriate 4a. The following fee(s) are			inted on the patent		Corporation or other private gr	oup entity Government
☐ Issue Fee		70		e amount of the fee(s) is a	enclosed.	
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Advance Order - # of	Copies		The Director Deposit Account	is hereby authorized by Number	charge the required fee(s), or (enclose an extra c	credit any overpayment, to
	(from status indicated above		_	 	ALL ENTITY status. See 37 C	<u> </u>
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	e Fee and Publicat vill not be accepted int and Trademark	tion Fee (if any) or I from anyone oth Office.	r to re-apply any previou er than the applicant; a re	sly paid issue fee to the applications is stered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature				Date		
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This collection of information an application. Confidential submitting the completed apthis form and/or suggestions Box 1450, Alexandria, Virgi	on is required by 37 CFR 1.3 ity is governed by 35 U.S.C. plication form to the USPTG for reducing this burden, shinia 22313-1450. DO NOT 5	11. The information 122 and 37 CFR 100. Time will vary tould be sent to the SEND FEES OR C	n is required to ob 1.14. This collecti- depending upon t chief Informatio COMPLETED FO	tain or retain a benefit by on is estimated to take 17 he individual case. Any n Officer, U.S. Patent an RMS TO THIS ADDRE	y the public which is to file (an 2 minutes to complete, including comments on the amount of ti d Trademark Office, U.S. Dep SS. SEND TO: Commissioner	d by the USPTO to process) ng gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450

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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 43 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 43 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.